

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A method of customizing a standard user interface associated with a universal printer driver comprising the steps of:

associating each item of a first plurality of items of a standard user interface data structure with a respective first object of a first plurality of first objects, each first object of the first plurality of first objects having a first object interface;

associating each item of a second plurality of items of a customized user interface with a respective second object of a second plurality of second objects, each second object of the second plurality of second objects having a second object interface;

linking each respective first object of the first plurality of first objects to a respective second object of the second plurality of second objects through a software interface, the software interface facilitating communication between each respective first and second object that are linked together by linking the first object interface of the respective first object to the second object interface of the respective second object;

setting a parameter of each respective item of the first plurality of items of the standard user interface data structure to a value that hides the respective item from view of a user; and

displaying the customized user interface; and

extending a rendering capability of the universal printer driver by associating object type information with a banding bitmap of the universal printer driver, the banding bitmap for use in rendering image information.

2. (Original) The method of claim 1 wherein the step of displaying comprises accessing a definition file, the definition file comprising information related to the customized user interface.

3. (Original) The method of claim 2 wherein the information related to the customized user

interface comprises at least one additional item compatible with the standard user interface structure.

4. (Original) The method of claim 1 further comprising the step of filtering at least one item of the standard user interface data structure prior to the displaying step.

5. (Original) The method of 4 wherein the filtering step comprises writing to a file, the file comprising data related to a state of at least one constant, the state of the at least one constant being determinative of inclusion in the standard user interface data structure.

6. (Currently Amended) Computer software, residing on a computer-readable storage medium, comprising a set of instructions that cause a computer to customize a standard user interface associated with a universal printer driver by:

associating each item of a first plurality of items of a standard user interface data structure with a respective first object of a first plurality of first objects, each first object of the first plurality of first objects having a first object interface;

associating each item of a second plurality of items of a customized user interface with a respective second object of a second plurality of second objects, each second object of the second plurality of second objects having a second object interface;

linking each respective first object of the first plurality of first objects to a respective second object of the second plurality of second objects through a software interface, the software interface facilitating communication between each respective first and second object that are linked together by linking the first object interface of the respective first object to the second object interface of the respective second object;

setting a parameter of each respective item of the first plurality of items of the standard user interface data structure to a value that hides the respective item from view of a user; and

displaying the customized user interface; and

extending a rendering capability of the universal printer driver by associating object type tagging information with a banding bitmap of the universal printer driver, the banding bitmap for use in rendering image information.

7-24 (Canceled)

25. (New) The computer software of claim 6, wherein extending the rendering capability of the universal printer driver includes:

- generating a tagging bitmap, the tagging bitmap having substantially similar boundaries as the banding bitmap of the universal printer driver;

- intercepting a drawing call to the banding bitmap, the drawing call comprising a drawing function and an object type related to the drawing function;

- storing the object type associated with the drawing call in the tagging bitmap;

- performing error correction of the object type stored in the tagging bitmap; and

- incorporating the object type stored in the tagging bitmap with the image information of the banding bitmap to render a final output.

26. (New) The method of claim 1, wherein the step of extending the rendering capability of the universal printer driver includes:

- generating a tagging bitmap, the tagging bitmap having substantially similar boundaries as the banding bitmap of the universal printer driver;

- intercepting a drawing call to the banding bitmap, the drawing call comprising a drawing function and an object type related to the drawing function;

- storing the object type associated with the drawing call in the tagging bitmap;

- performing error correction of the object type stored in the tagging bitmap; and

- incorporating the object type stored in the tagging bitmap with the image information of the banding bitmap to render a final output.

27. (New) The method of claim 26, further comprising a step of preprocessing the image information of the banding bitmap by alpha-blending a watermark image with the image information.

28. (New) The method of claim 26, wherein the step of performing error correction comprises performing error correction related to raster operation functions.

29. (New) The method of claim 26, wherein the step of storing comprises storing information related to a half-tone filter.

30. (New) The method of claim 29, wherein the information related to the half-tone filter

31. (New) The method of claim 26, wherein the step of storing comprises storing information related to color management.

32. (New) The method of claim 31, wherein the color management relates to converting from an input color space to an output color space on a pixel-by-pixel basis.

33. (New) The method of claim 31, wherein the color management relates to black-generation.

34. (New) The method of claim 26, wherein the object type stored in the tagging bitmap facilitates white space skipping.

35. (New) The method of claim 26, wherein the object type stored in the tagging bitmap facilitates transition determination.